

Appl. No. 10/824,209
Amdt. dated June 24, 2005
Reply to Office action of March 24, 2005

In the Claims:

Claims 1 and 5 are amended herein. Claims 2, 4, 7, 9, 12 and 16 are canceled. New claims 18-24 are added. The remaining claims are not amended in this response. It is noted with thanks that the Examiner renumbered original claims 17 and 18 to be claims 16 and 17.

1. (currently amended) A chair comprising:

a seat;

two legs pivotally interconnected to each other;

two transverse bars horizontally and securely attached to a bottom face of the seat;

a first cross bar securely and firmly formed on one of the two legs and sandwiched between the two transverse bars, the first cross bar having two spring-driven positioning levers respectively and selectively extending out of two distal ends of the first cross bar and into two mutually corresponding and aligned adjusting holes defined in inner side faces of the two transverse bars to fix a position of the first cross bar relative to the seat;

a second cross bar securely and firmly formed on the other one of the two legs and sandwiched between the two transverse bars, the second cross bar having two securing blocks extending out of two distal ends of the second cross bar and into

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corresponding two securing holes defined in the inner side faces of the two transverse bars so as to secure a position of the second cross bar relative to the seat, the two securing blocks being selectively retracted inside the second cross bar and having escaped the corresponding securing holes, and

a handle is pivotally mounted at the bottom face of the seat to operably connect to the two securing blocks so that the pivotal movement of the handle is able to drive the two securing blocks to move,

whereby the chair height is able to be adjusted by moving the second cross bar to different securing holes.

2. (canceled)

3. (original) The chair as claimed in claim 1 further comprising a driving plate pivotally received in the second cross bar and having a distal end extending out of the second cross bar, a first driving plate with a first end securely connected to one of the two securing blocks and a second end pivotally connected to the driving plate and a second driving plate with a first end securely connected to the other one of the two securing blocks and a second end pivotally connected to the driving plate, so that the pivotal movement of the driving plate is able to control the two securing blocks to move inside the second cross bar.

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4. (canceled)

5. (currently amended) The chair as claimed in claim 4 1, wherein the handle is ~~operateably~~ operably connected to the distal end of the driving plate extending out of the second cross bar by a linking element such that the pivotal movement of the handle is able to drive the driving plate to pivot inside the second cross bar.

6. (original) The chair as claimed in claim 1 further comprising a spring compressibly received between the two securing blocks to provide a recoil force to the two securing blocks.

7. (canceled)

8. (original) The chair as claimed in claim 3 further comprising a spring compressibly received between one of two securing blocks and the driving plate to provide a recoil force to one of the two securing blocks.

9. (canceled)

10. (original) The chair as claimed in claim 5 further comprising a spring compressibly received between one of two securing blocks and the driving plate to provide a recoil force to one of the two securing blocks.

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11. (original) The chair as claimed in claim 1 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

12. (canceled)

13. (original) The chair as claimed in claim 3 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

14. (original) The chair as claimed in claim 5 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

15. (original) The chair as claimed in claim 6 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

16. (canceled)

17. (original) The chair as claimed in claim 10 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

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18. (new) A chair comprising:

a seat;

two legs pivotally interconnected to each other;

two transverse bars horizontally and securely attached to a bottom face of the seat;

a first cross bar securely and firmly formed on one of the two legs and sandwiched between the two transverse bars, the first cross bar having two spring-driven positioning levers respectively and selectively extending out of two distal ends of the first cross bar and into two mutually corresponding and aligned adjusting holes defined in inner side faces of the two transverse bars to fix a position of the first cross bar relative to the seat;

a second cross bar securely and firmly formed on the other one of the two legs and sandwiched between the two transverse bars, the second cross bar having two securing blocks extending out of two distal ends of the second cross bar and into corresponding two securing holes defined in the inner side faces of the two transverse bars so as to secure a position of the second cross bar relative to the seat, the two securing blocks being selectively retracted inside the second cross bar and having escaped the corresponding securing holes, and

a spring compressibly received between one of two securing blocks and a driving plate to provide a recoil force to one of the two securing blocks,

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whereby the chair height is able to be adjusted by moving the second cross bar to different securing holes.

19. (new) The chair as claimed in claim 18 further comprising the driving plate being pivotally received in the second cross bar and having a distal end extending out of the second cross bar, a first driving plate with a first end securely connected to one of the two securing blocks and a second end pivotally connected to the driving plate and a second driving plate with a first end securely connected to the other one of the two securing blocks and a second end pivotally connected to the driving plate so that the pivotal movement of the driving plate is able to control the two securing blocks to move inside the second cross bar.

20. (new) The chair as claimed in claim 18, wherein the handle is operably connected to the distal end of the driving plate extending out of the second cross bar by a linking element such that the pivotal movement of the handle is able to drive the driving plate to pivot inside the second cross bar.

21. (new) The chair as claimed in claim 18 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

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22. (new) The chair as claimed in claim 18 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

23. (new) The chair as claimed in claim 19 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.

24. (new) The chair as claimed in claim 20 further comprising an arcuate stop enclosing the securing holes to limit movement of the securing blocks after the two securing blocks are retracted inside the second cross bar.